Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121217\
Data File : BF101365.D
Acq On : 13 Dec 2017 8:11
Operator : SJ/JU
Sample : I6764-11
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Dec 13 09:33:11 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 08 18:17:31 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	40116	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	140979	20.00	ng		0.00
38) Acenaphthene-d10	9.86	164	56112	20.00	ng		0.00
63) Phenanthrene-d10	11.36	188	100180	20.00	ng		0.00
75) Chrysene-d12	14.01	240	78415	20.00	ng		0.00
86) Perylene-d12	15.49	264	57514	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	270199	111.30	ng		0.01
7) Phenol-d6	6.47	99	320421	108.71	ng		0.00
23) Nitrobenzene-d5	7.39	82	170518	72.15	ng		0.00
41) 2,4,6-Tribromophenol	10.66	330	63301	93.91	ng		0.00
44) 2-Fluorobiphenyl	9.18	172	307866	75.07	ng		0.00
78) Terphenyl-d14	12.94	244	230578	64.32	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.47	94	11269	3.438	ng	#	59
19) n-Nitroso-di-n-propylamine	7.39	70	21907	11.036	ng	#	81
25) Isophorone	7.39	82	170518	42.241	ng	#	64
48) Acenaphthylene	9.73	152	12742	2.124	ng		98
49) Dimethylphthalate	9.57	163	25830	5.708	ng	#	97
50) 2,6-Dinitrotoluene	9.86	165	7054	7.401	ng	#	24
55) 4-Nitrophenol	10.07	139	1955	2.705	ng	#	9
56) 2,4-Dinitrotoluene	9.86	165	7054	5.522	ng	#	21
66) 4-Bromophenyl-phenylether	10.66	248	3967	3.538	ng	#	1
70) Phenanthrene	11.38	178	122402	22.187	ng		98
71) Anthracene	11.43	178	29800	5.337	ng		98
72) Carbazole	11.59	167	12805	2.510	ng		98
74) Fluoranthene	12.57	202	189639	31.010	ng		94
77) Pyrene	12.81	202	160041	29.578	ng		99
80) Benzo(a)anthracene	14.00	228	77913	15.737	ng		99
82) Chrysene	14.03	228	63913	13.900	ng		95
85) Indeno(1,2,3-cd)pyrene	16.98	276	26641	6.517	ng	#	88
87) Benzo(b)fluoranthene	15.06	252	86684	25.163	ng		97
88) Benzo(k)fluoranthene	15.06	252	86684	25.540	ng		97
89) Benzo(a)pyrene	15.43	252	45205	14.434	ng		97
90) Dibenzo(a,h)anthracene	16.97	278	8661	3.137	ng		93
91) Benzo(g,h,i)perylene	17.43	276	26498	10.184	ng	#	90

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121217\
Data File : BF101365.D
Acq On : 13 Dec 2017 8:11
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Misc :
ALS Vial : 38 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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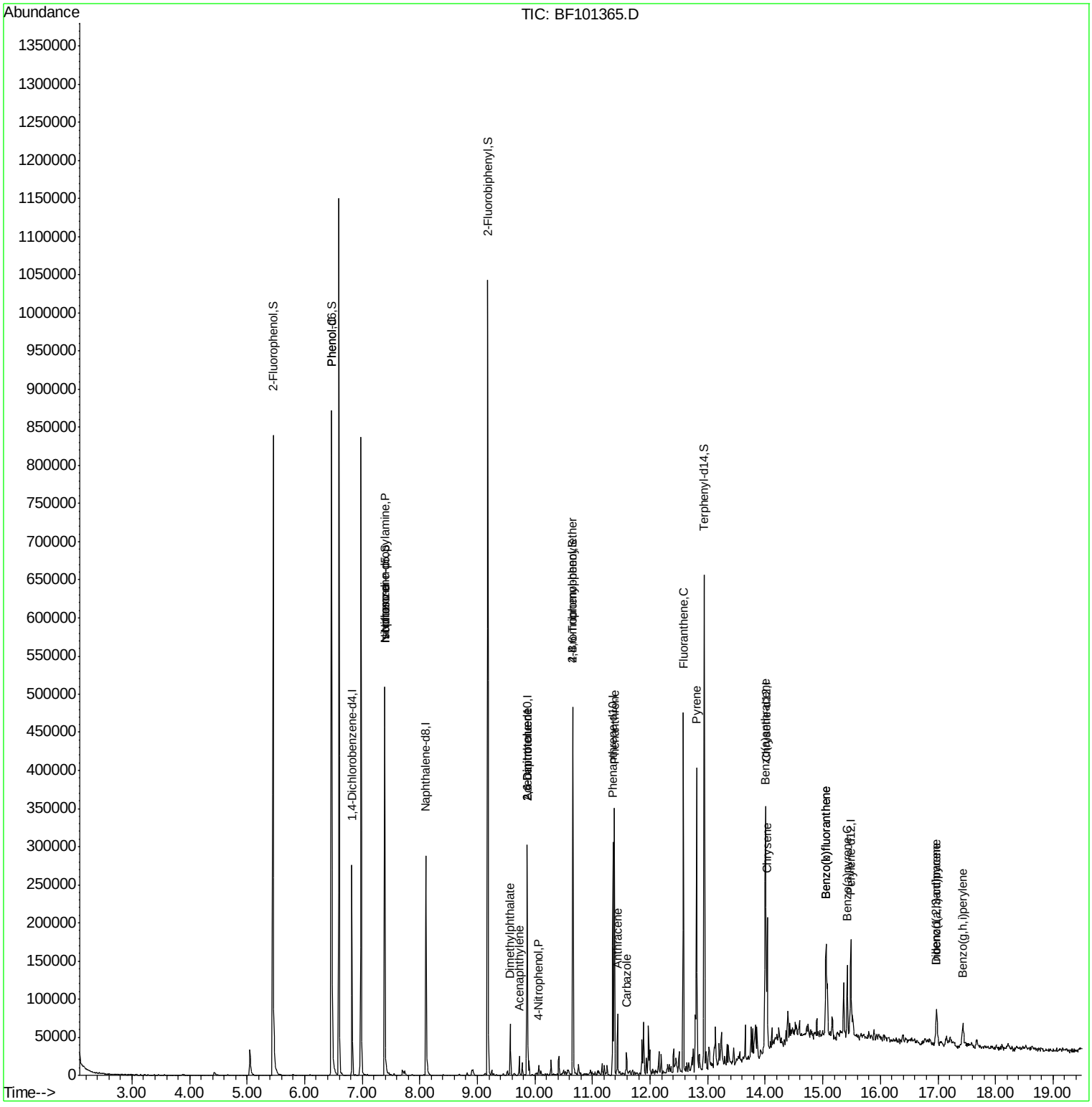
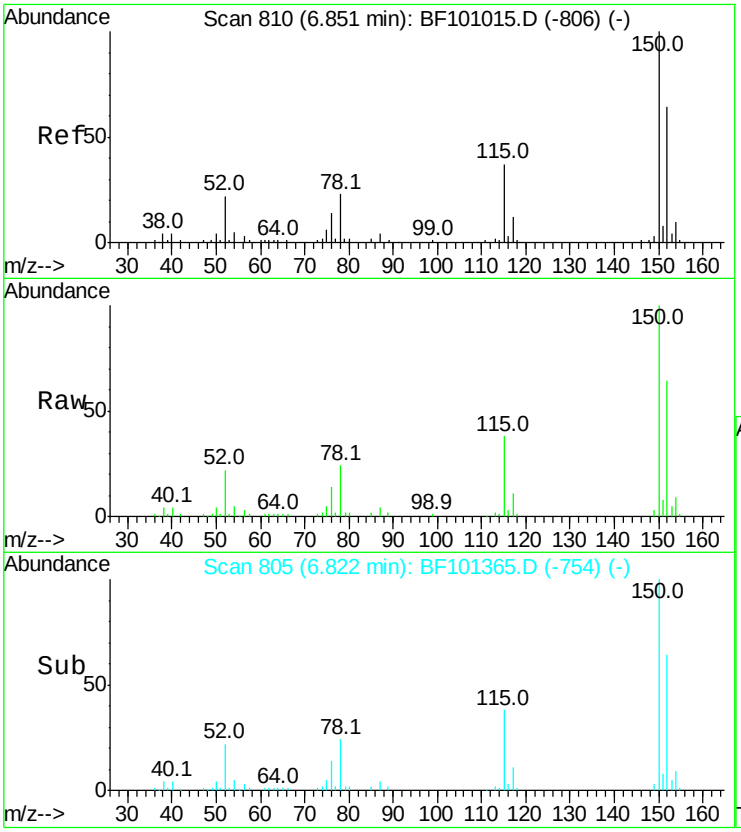


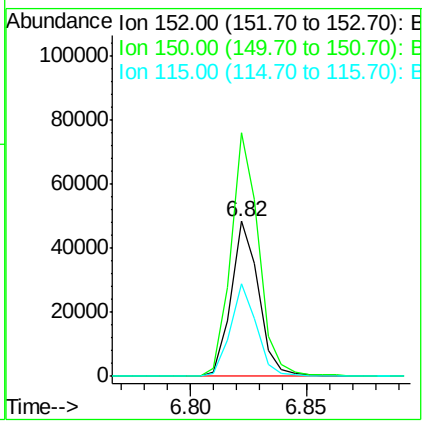


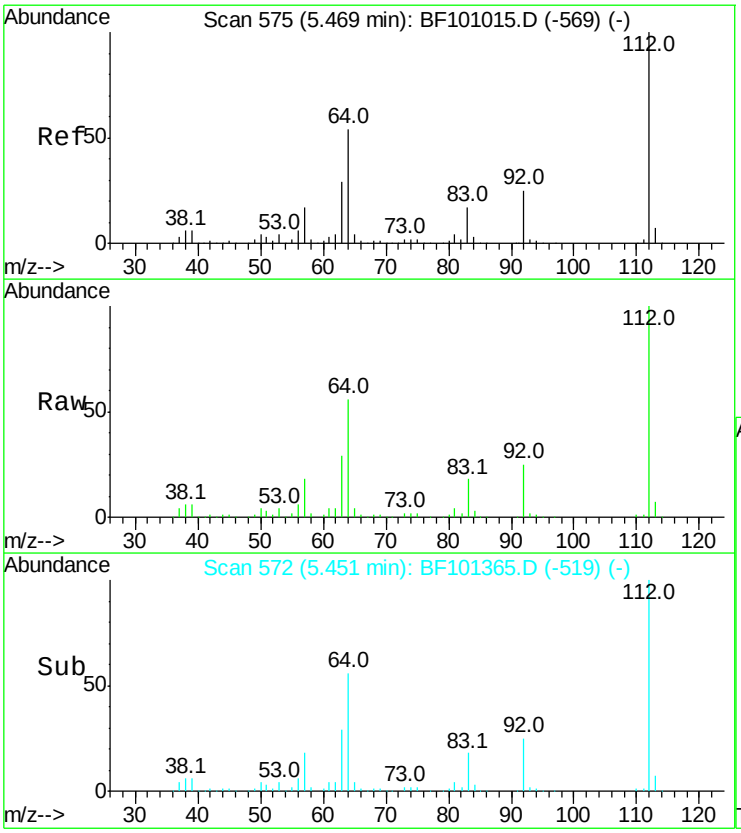
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.00 min
Lab File: BF101365.D
Acq: 13 Dec 2017 8:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 40116

Ion	Ratio	Lower	Upper
152	100		
150	156.9	124.6	186.8
115	60.0	50.1	75.1

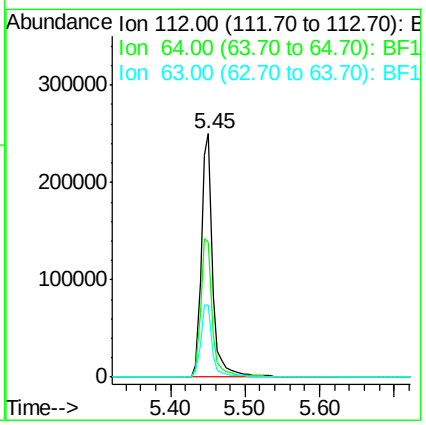


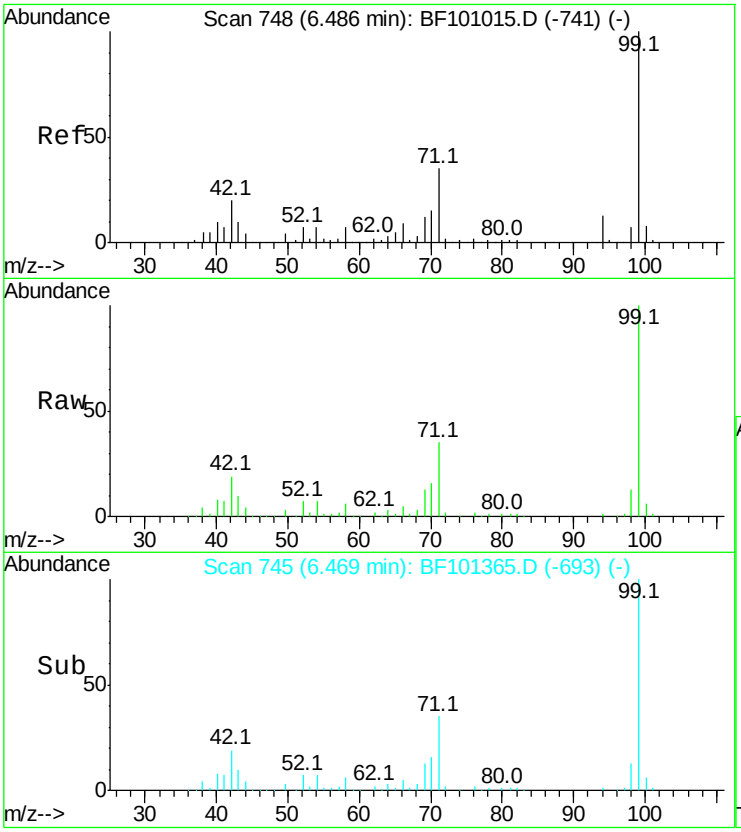


#5
2-Fluorophenol
Concen: 111.299 ng
RT: 5.45 min Scan# 572
Delta R.T. 0.01 min
Lab File: BF101365.D
Acq: 13 Dec 2017 8:11

Tgt Ion:112 Resp: 270199

Ion	Ratio	Lower	Upper
112	100		
64	55.6	47.9	71.9
63	29.5	23.7	35.5



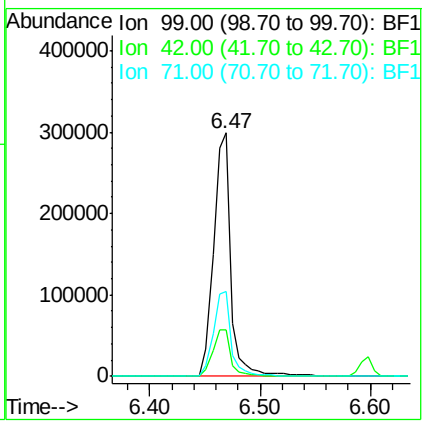


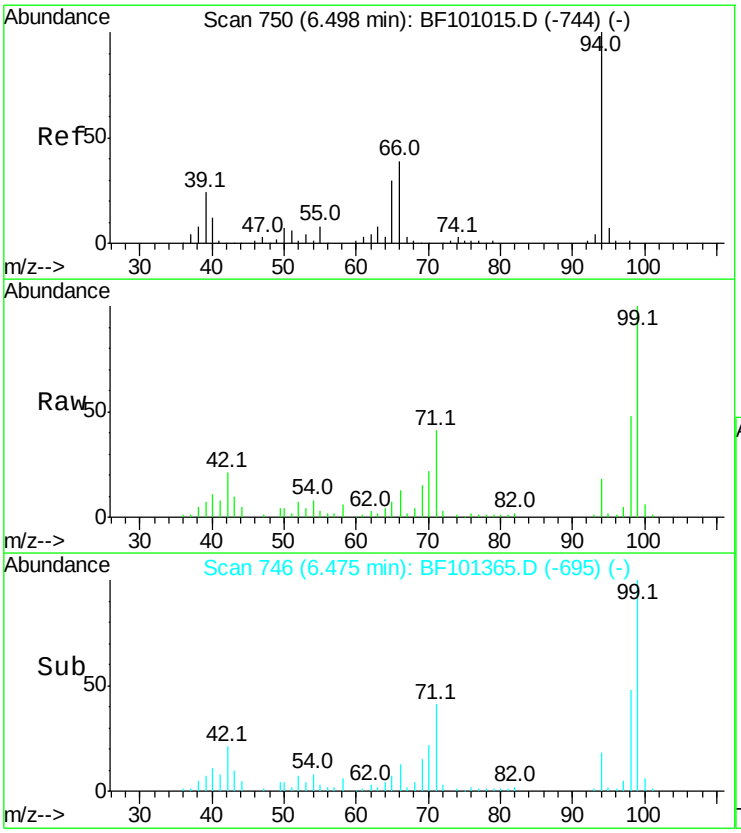
#7
Phenol-d6
Concen: 108.712 ng
RT: 6.47 min Scan# 745
Delta R.T. 0.01 min
Lab File: BF101365.D
Acq: 13 Dec 2017 8:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 320421

Ion	Ratio	Lower	Upper
99	100		
42	18.9	14.5	21.7
71	34.8	25.4	38.0

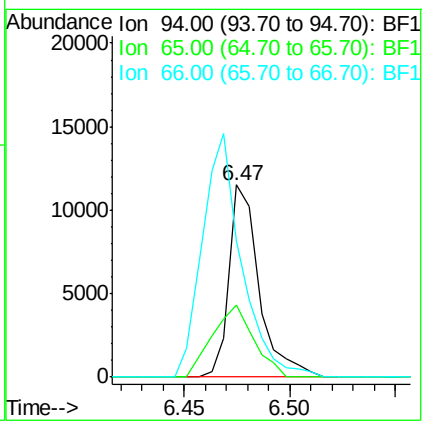


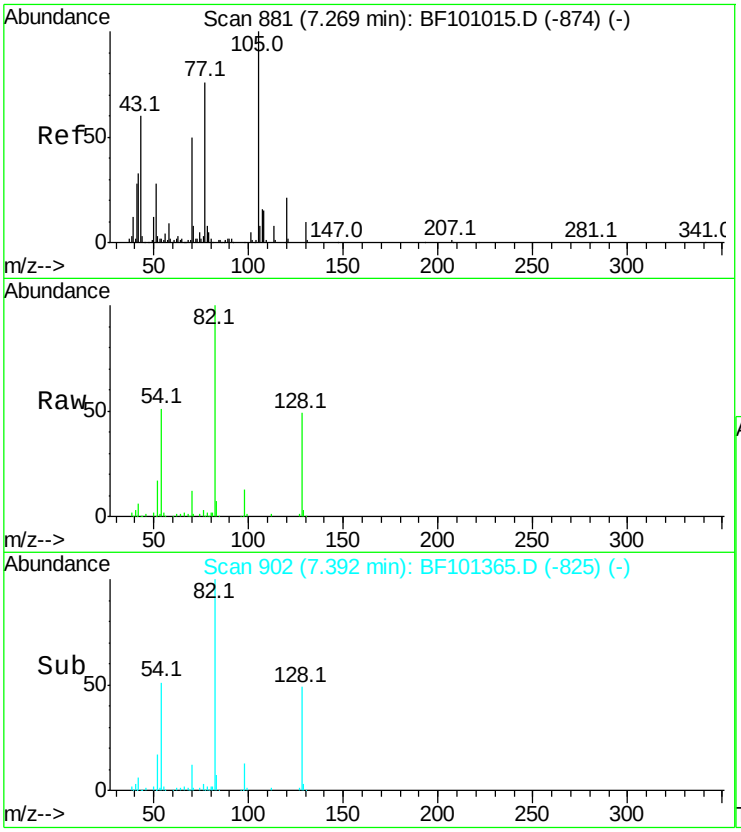


#10
Phenol
Concen: 3.438 ng
RT: 6.47 min Scan# 746
Delta R.T. -0.00 min
Lab File: BF101365.D
Acq: 13 Dec 2017 8:11

Tgt Ion: 94 Resp: 11269

Ion	Ratio	Lower	Upper
94	100		
65	37.8	7.9	47.9
66	70.9	16.2	56.2#



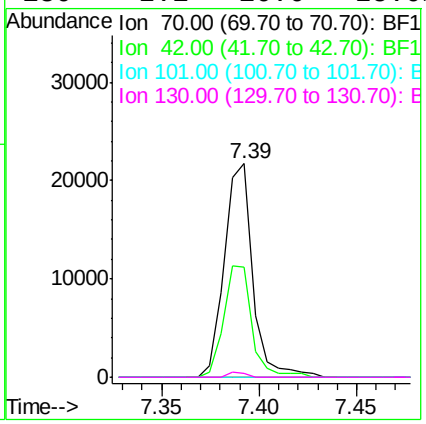


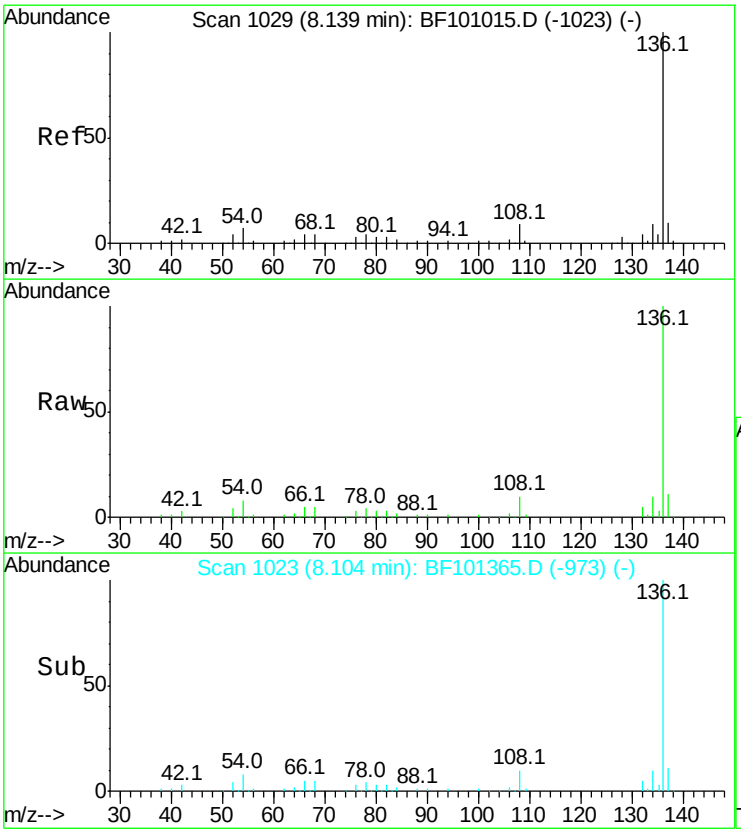
#19
n-Nitroso-di-n-propylamine
Concen: 11.036 ng
RT: 7.39 min Scan# 902
Delta R.T. 0.15 min
Lab File: BF101365.D
Acq: 13 Dec 2017 8:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 21907

Ion	Ratio	Lower	Upper
70	100		
42	51.3	47.5	71.3
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#

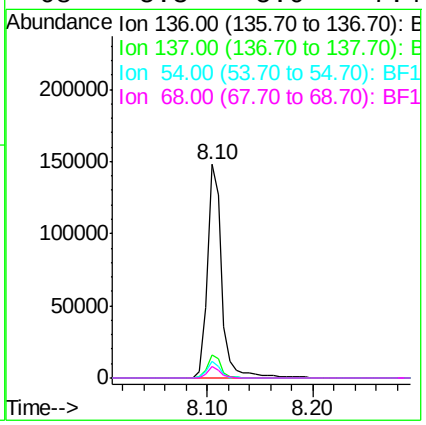


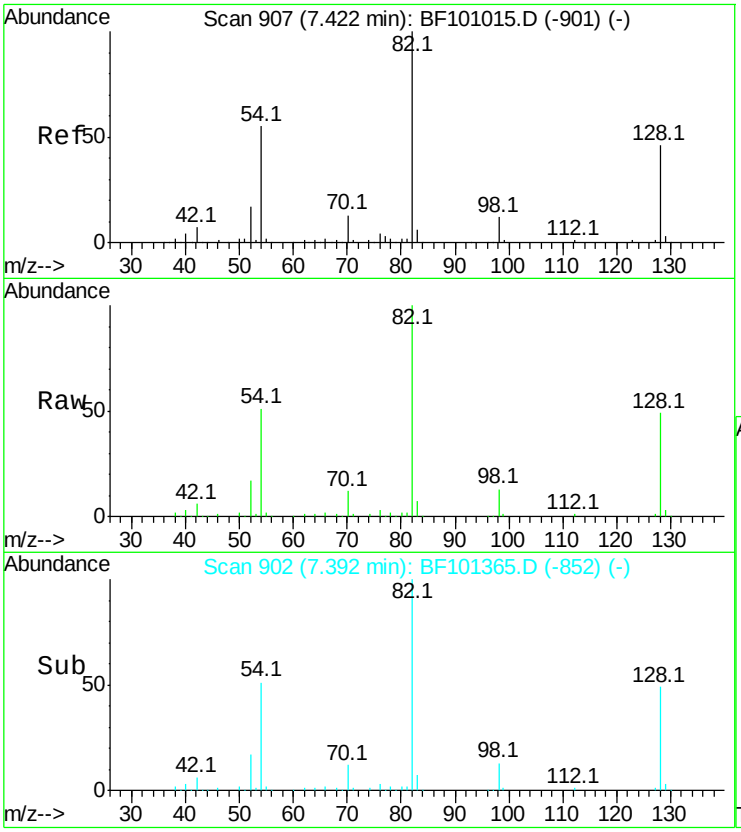


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF101365.D
Acq: 13 Dec 2017 8:11

Tgt Ion:136 Resp: 140979

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	8.0	6.6	9.8
68	5.3	5.0	7.4



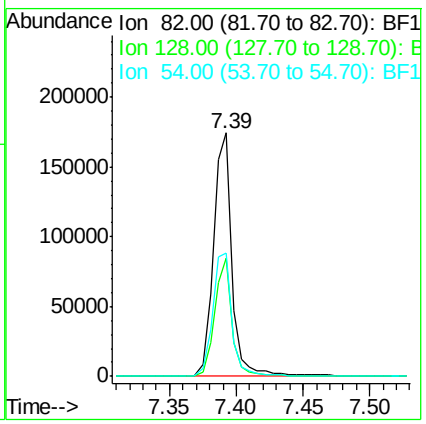


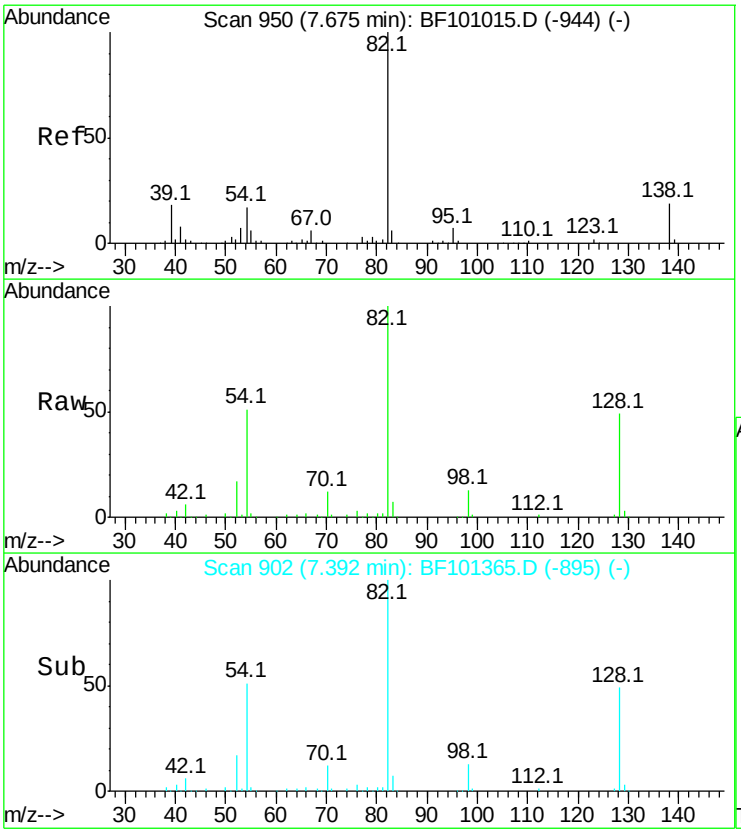
#23
Nitrobenzene-d5
Concen: 72.152 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF101365.D
Acq: 13 Dec 2017 8:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 170518

Ion	Ratio	Lower	Upper
82	100		
128	48.7	36.1	54.1
54	50.9	41.4	62.2

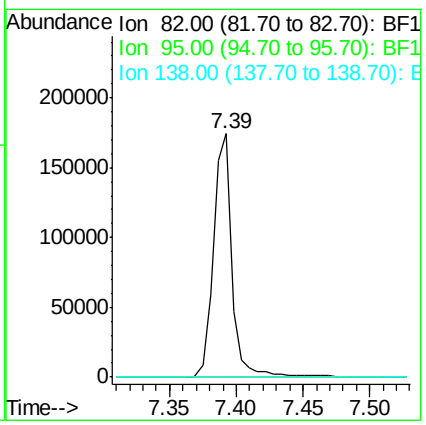


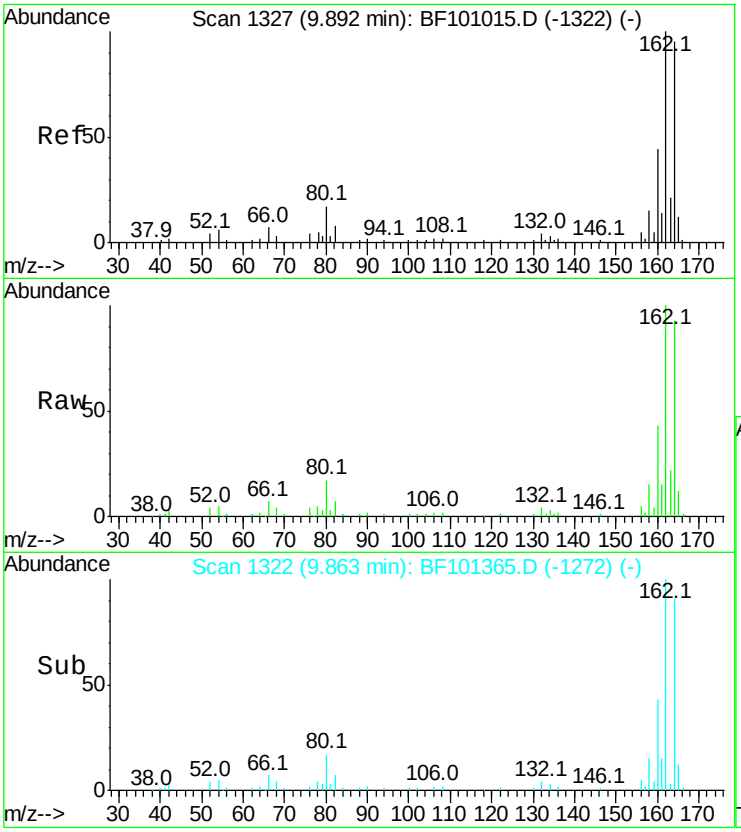


#25
Isophorone
Concen: 42.241 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.26 min
Lab File: BF101365.D
Acq: 13 Dec 2017 8:11

Tgt Ion: 82 Resp: 170518

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#



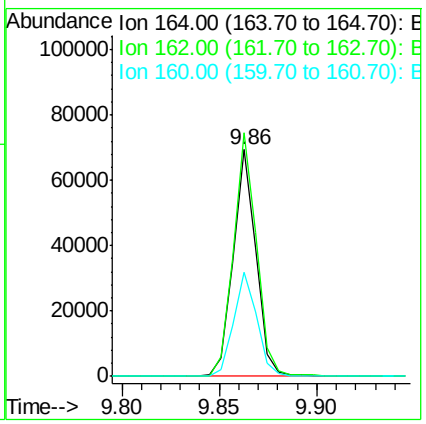


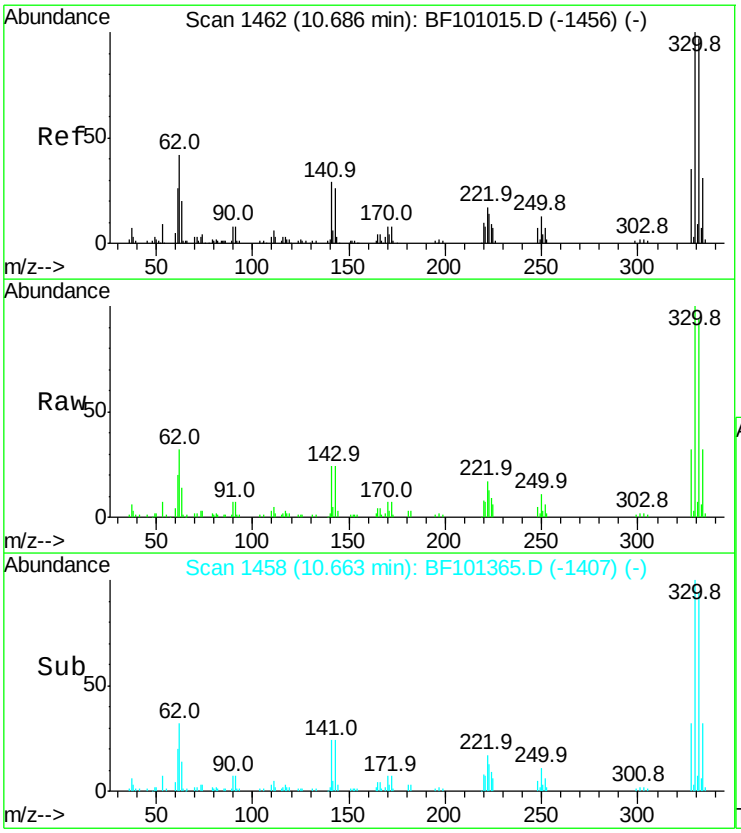
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF101365.D
Acq: 13 Dec 2017 8:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 56112

Ion	Ratio	Lower	Upper
164	100		
162	107.3	86.1	129.1
160	46.0	38.3	57.5

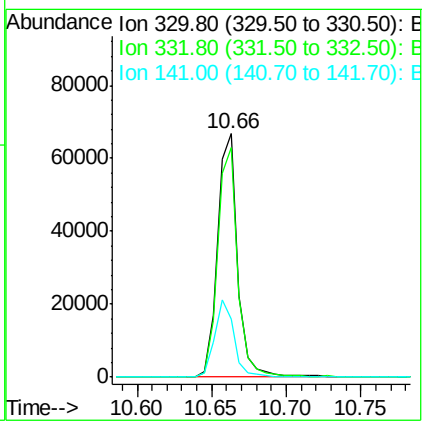


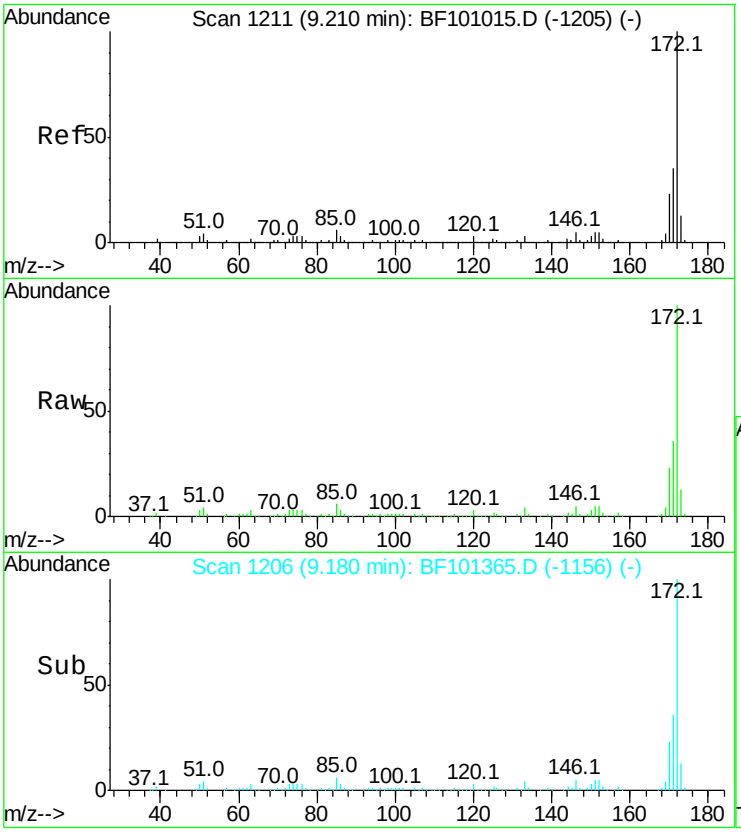


#41
2,4,6-Tribromophenol
Concen: 93.909 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.00 min
Lab File: BF101365.D
Acq: 13 Dec 2017 8:11

Tgt Ion:330 Resp: 63301

Ion	Ratio	Lower	Upper
330	100		
332	94.0	77.0	115.6
141	30.2	29.9	44.9



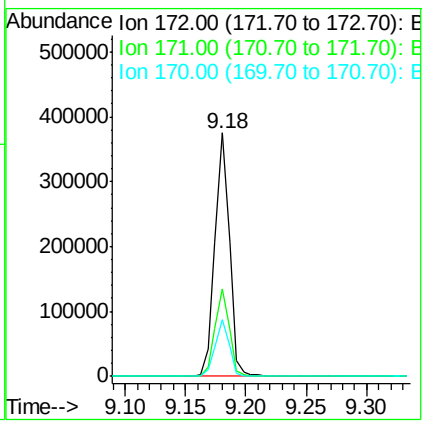


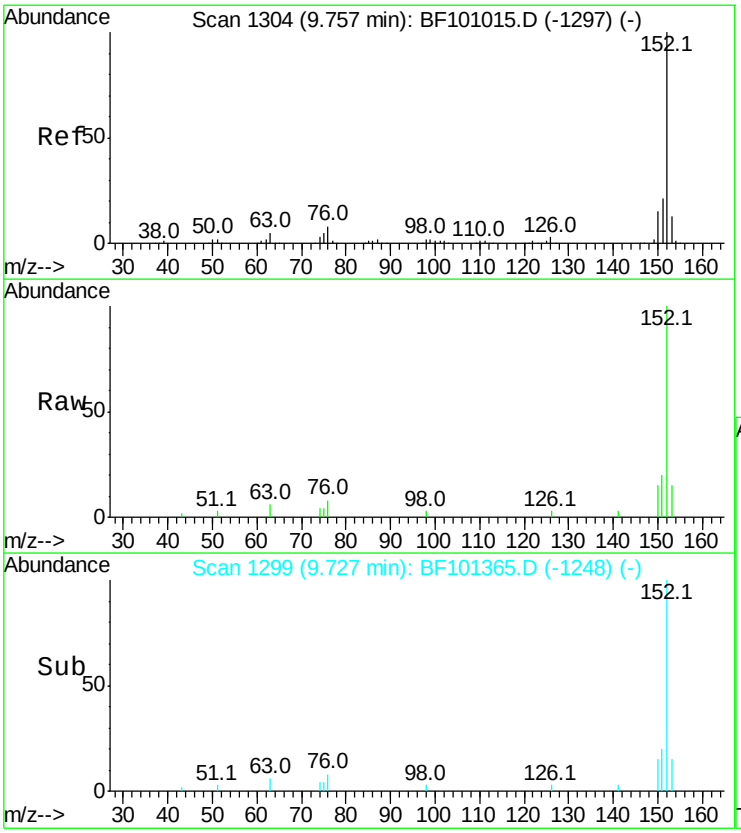
#44
2-Fluorobiphenyl
Concen: 75.068 ng
RT: 9.18 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BF101365.D
Acq: 13 Dec 2017 8:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 307866

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	23.4	19.6	29.4

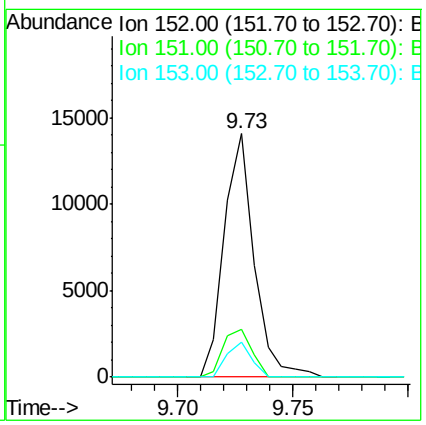


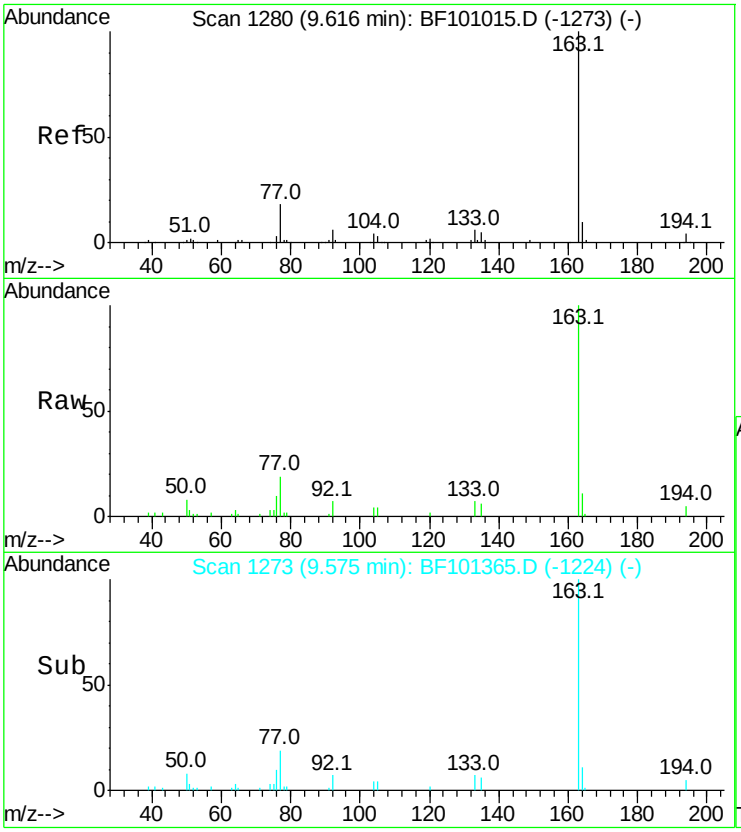


#48
Acenaphthylene
Concen: 2.124 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.00 min
Lab File: BF101365.D
Acq: 13 Dec 2017 8:11

Tgt Ion:152 Resp: 12742

Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.3	24.5
153	14.5	10.7	16.1



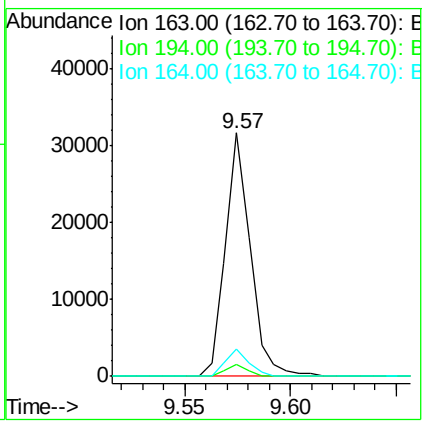


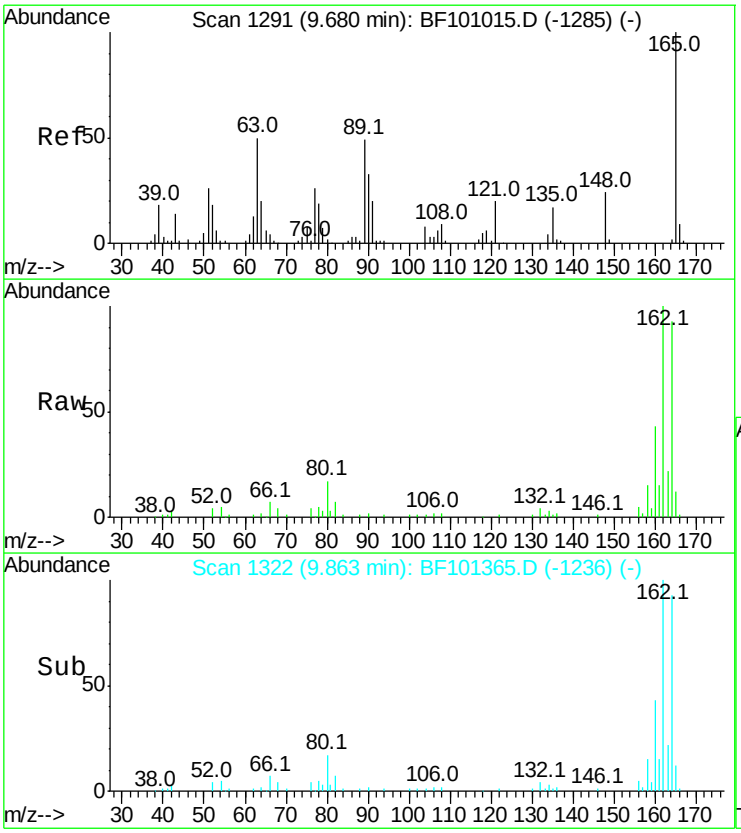
#49
Dimethylphthalate
Concen: 5.708 ng
RT: 9.57 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BF101365.D
Acq: 13 Dec 2017 8:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 25830

Ion	Ratio	Lower	Upper
163	100		
194	4.8	2.7	4.1#
164	11.1	8.2	12.2

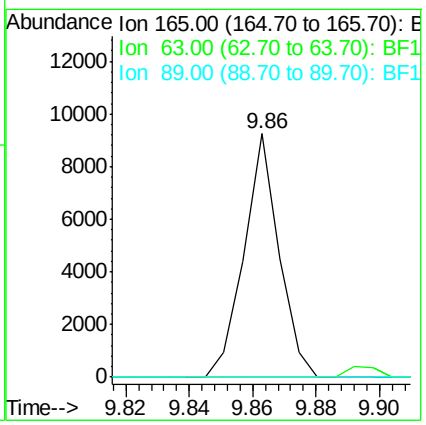


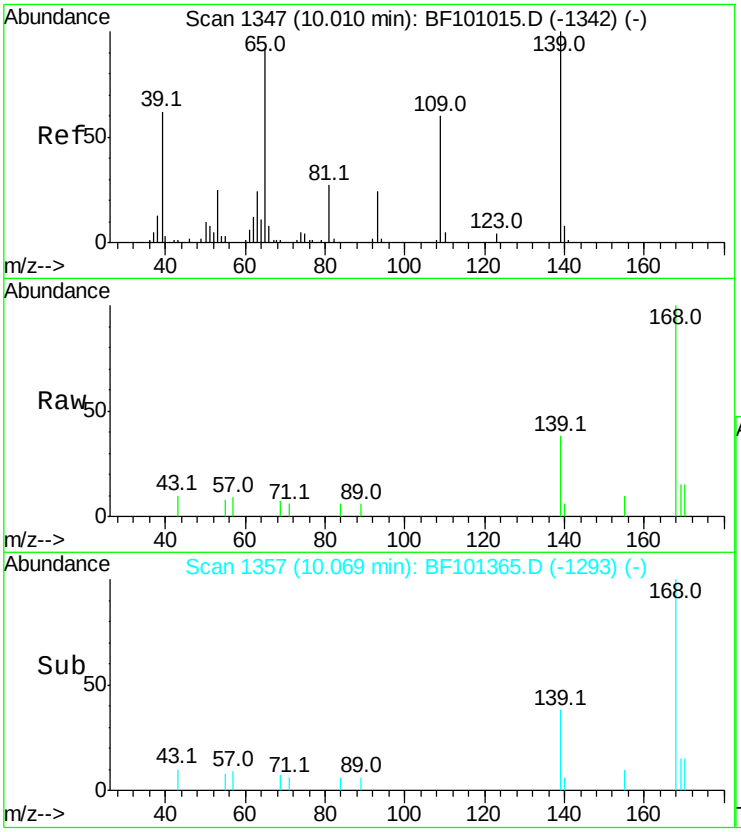


#50
2,6-Dinitrotoluene
Concen: 7.401 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.21 min
Lab File: BF101365.D
Acq: 13 Dec 2017 8:11

Tgt Ion:165 Resp: 7054

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#



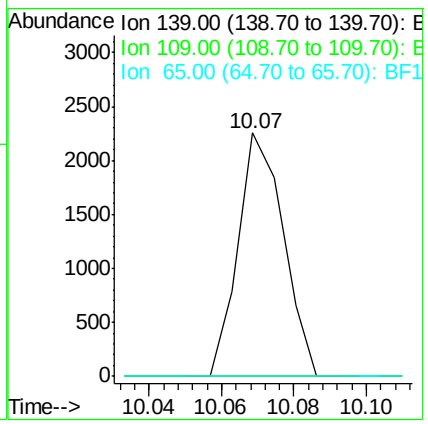


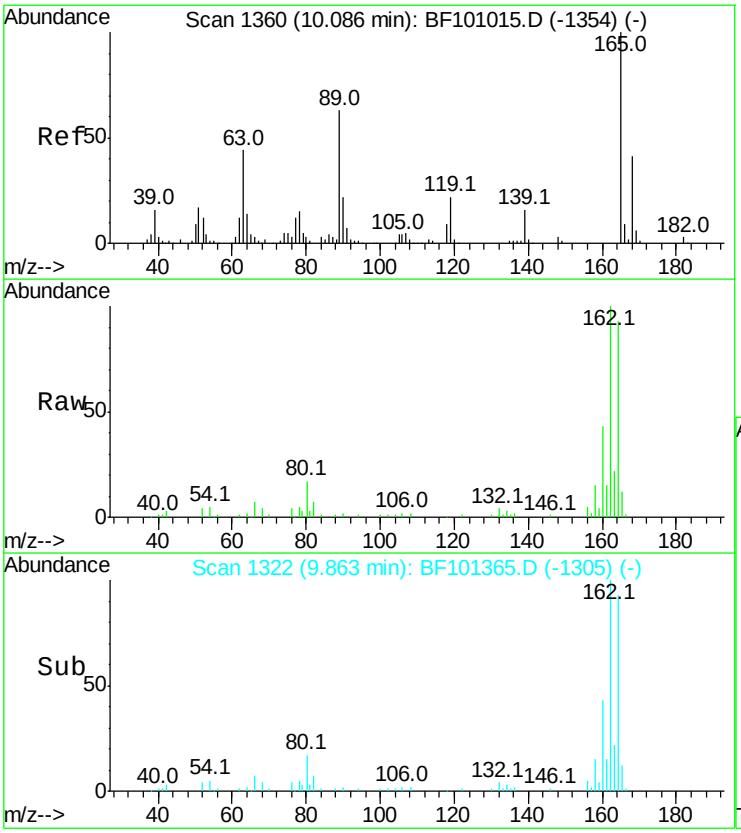
#55
4-Nitrophenol
Concen: 2.705 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.08 min
Lab File: BF101365.D
Acq: 13 Dec 2017 8:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 1955

Ion	Ratio	Lower	Upper
139	100		
109	0.0	48.4	88.4#
65	0.0	72.6	112.6#

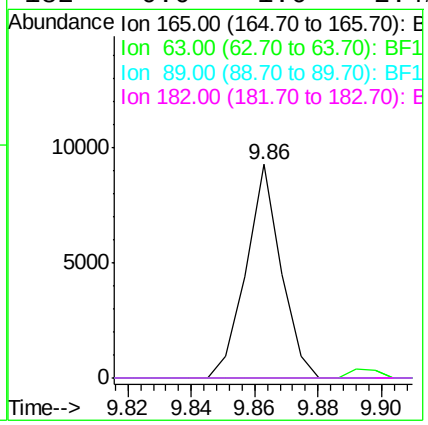


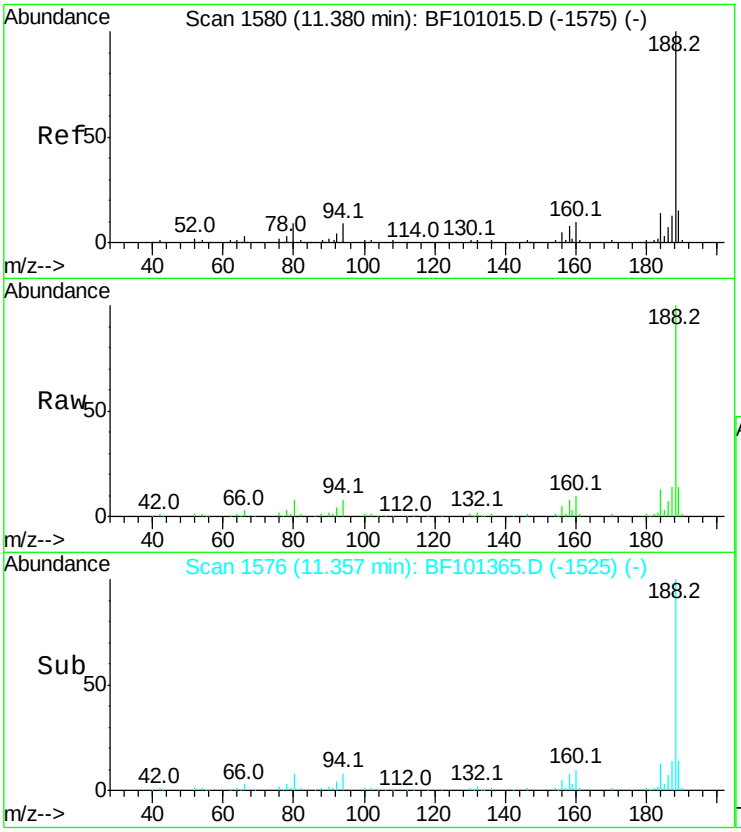


#56
2,4-Dinitrotoluene
Concen: 5.522 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.20 min
Lab File: BF101365.D
Acq: 13 Dec 2017 8:11

Tgt Ion:165 Resp: 7054

Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#



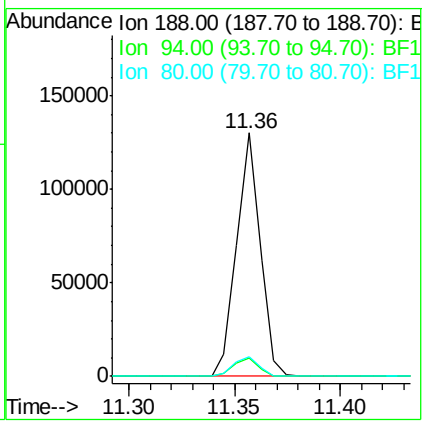


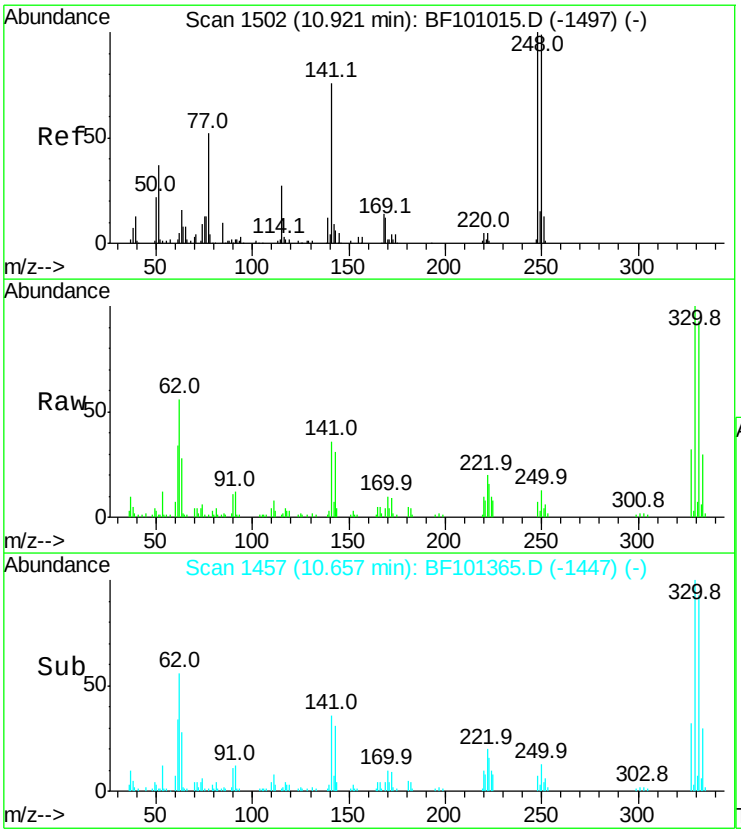
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.00 min
Lab File: BF101365.D
Acq: 13 Dec 2017 8:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 100180

Ion	Ratio	Lower	Upper
188	100		
94	7.7	8.5	12.7#
80	7.9	9.2	13.8#

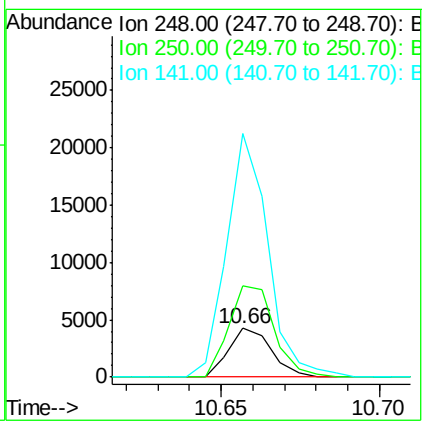


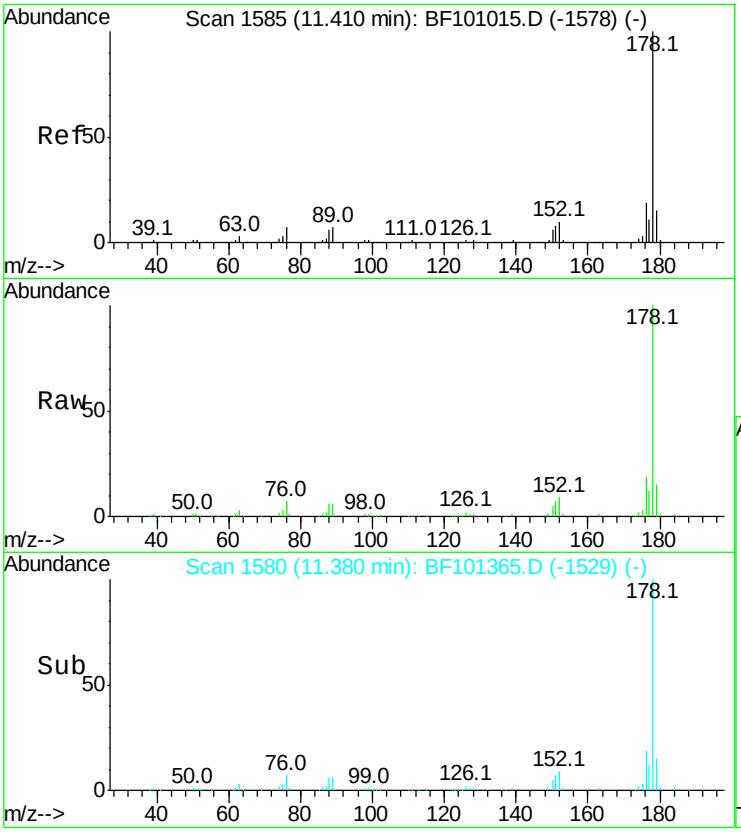


#66
4-Bromophenyl-phenylether
Concen: 3.538 ng
RT: 10.66 min Scan# 1457
Delta R.T. -0.24 min
Lab File: BF101365.D
Acq: 13 Dec 2017 8:11

Tgt Ion:248 Resp: 3967

Ion	Ratio	Lower	Upper
248	100		
250	187.5	76.9	115.3#
141	498.2	74.4	111.6#



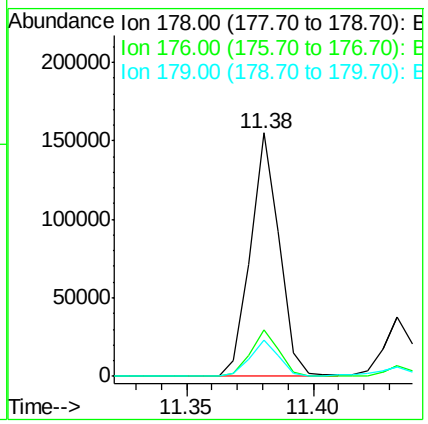


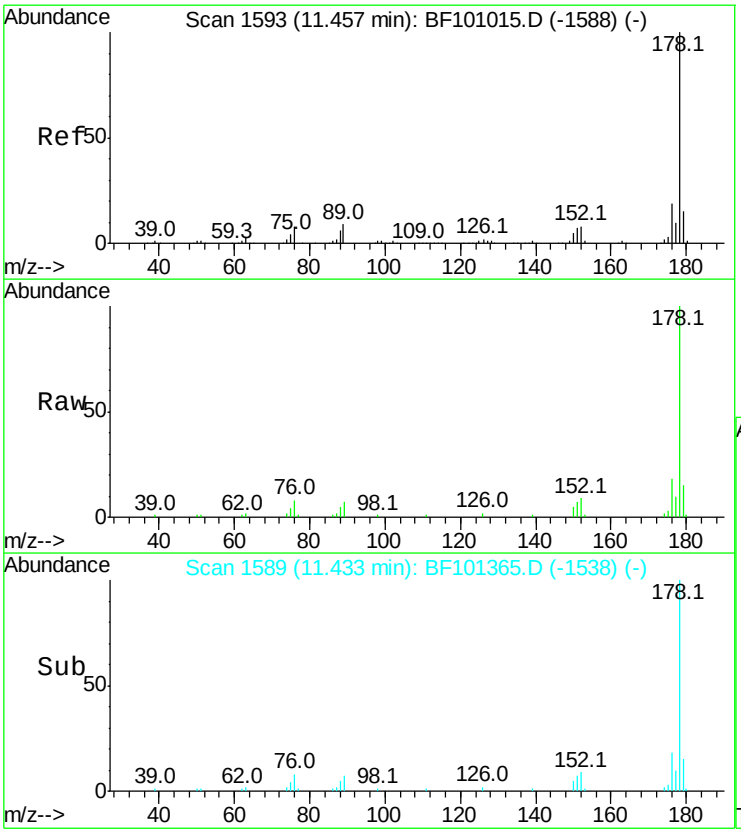
#70
Phenanthrene
Concen: 22.187 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.00 min
Lab File: BF101365.D
Acq: 13 Dec 2017 8:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 122402

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.8	23.8
179	14.9	13.0	19.6

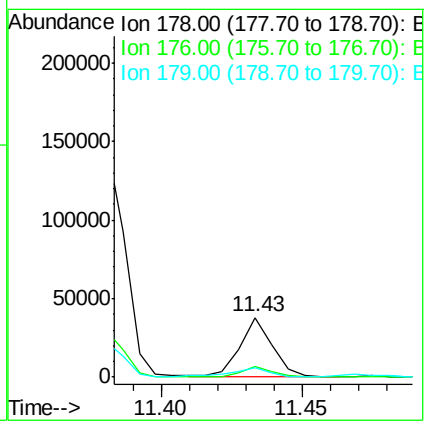


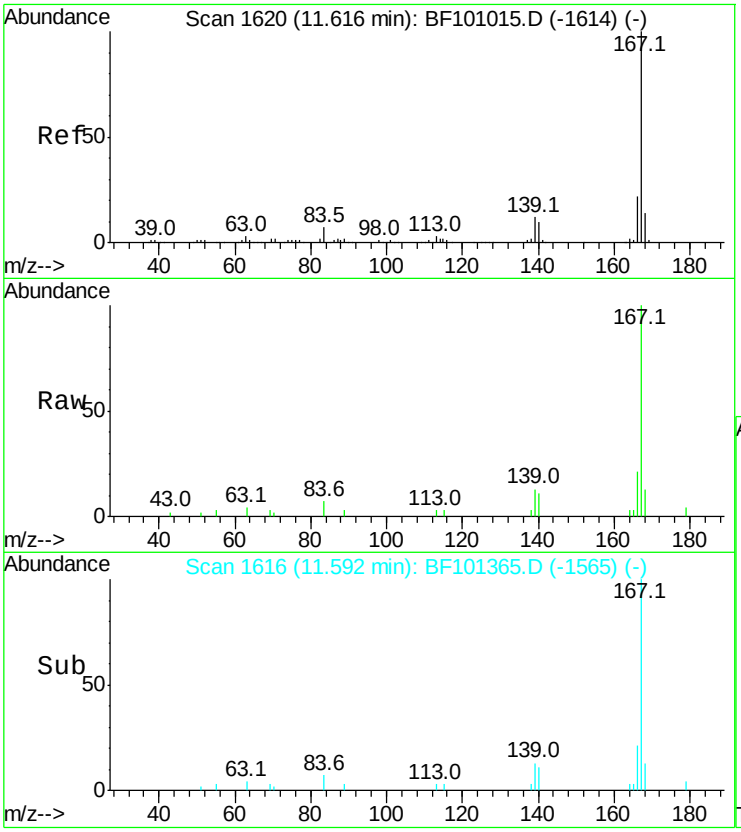


#71
Anthracene
Concen: 5.337 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.00 min
Lab File: BF101365.D
Acq: 13 Dec 2017 8:11

Tgt Ion:178 Resp: 29800

Ion	Ratio	Lower	Upper
178	100		
176	17.8	15.4	23.2
179	15.2	12.6	19.0



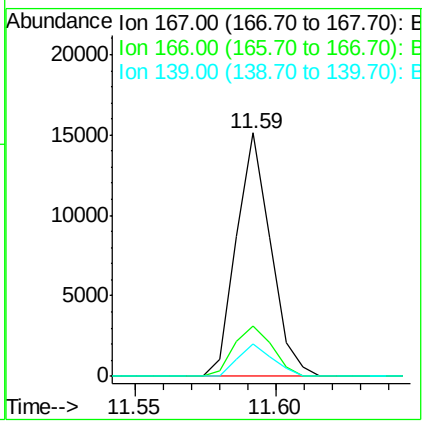


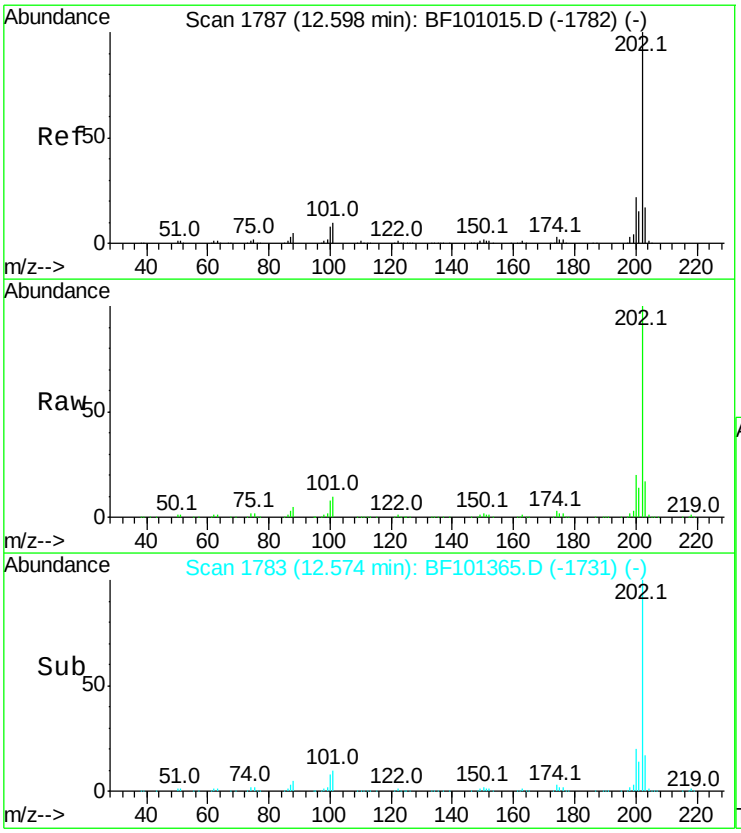
#72
Carbazole
Concen: 2.510 ng
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: BF101365.D
Acq: 13 Dec 2017 8:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:167 Resp: 12805

Ion	Ratio	Lower	Upper
167	100		
166	20.7	17.6	26.4
139	13.4	10.9	16.3

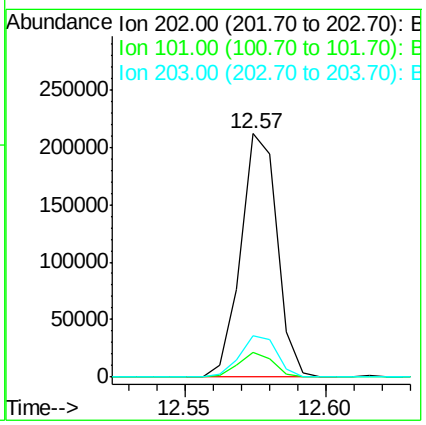


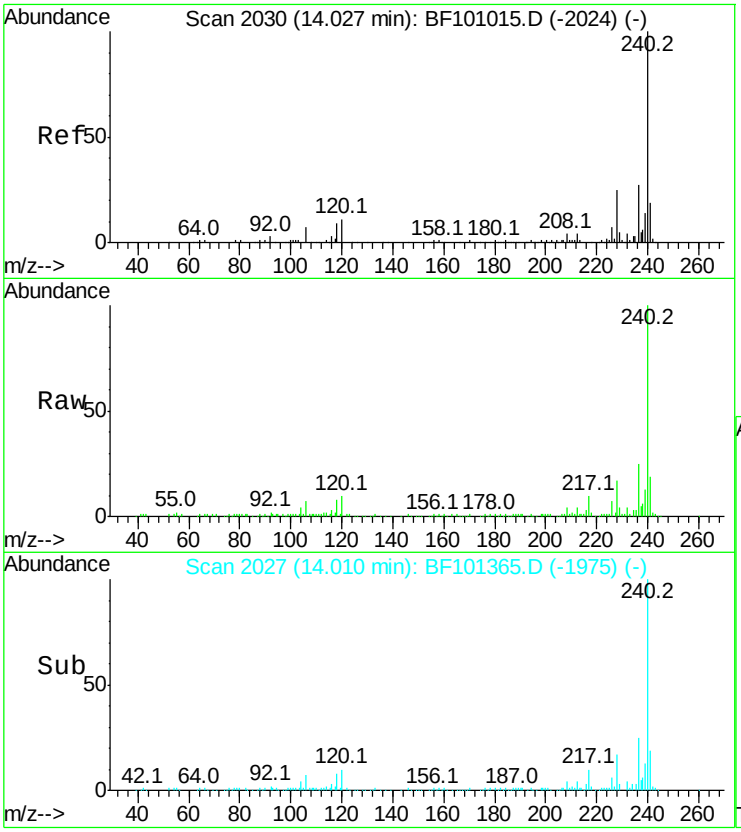


#74
Fluoranthene
Concen: 31.010 ng
RT: 12.57 min Scan# 1783
Delta R.T. 0.01 min
Lab File: BF101365.D
Acq: 13 Dec 2017 8:11

Tgt Ion:202 Resp: 189639

Ion	Ratio	Lower	Upper
202	100		
101	10.1	0.0	34.1
203	16.8	0.0	38.1



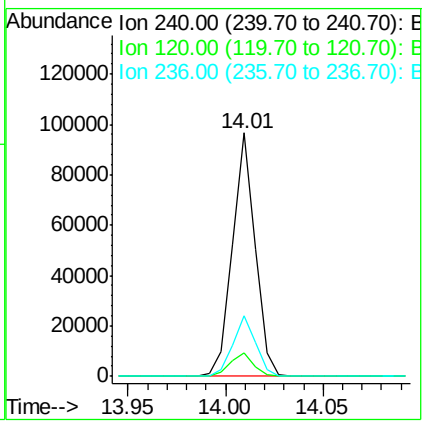


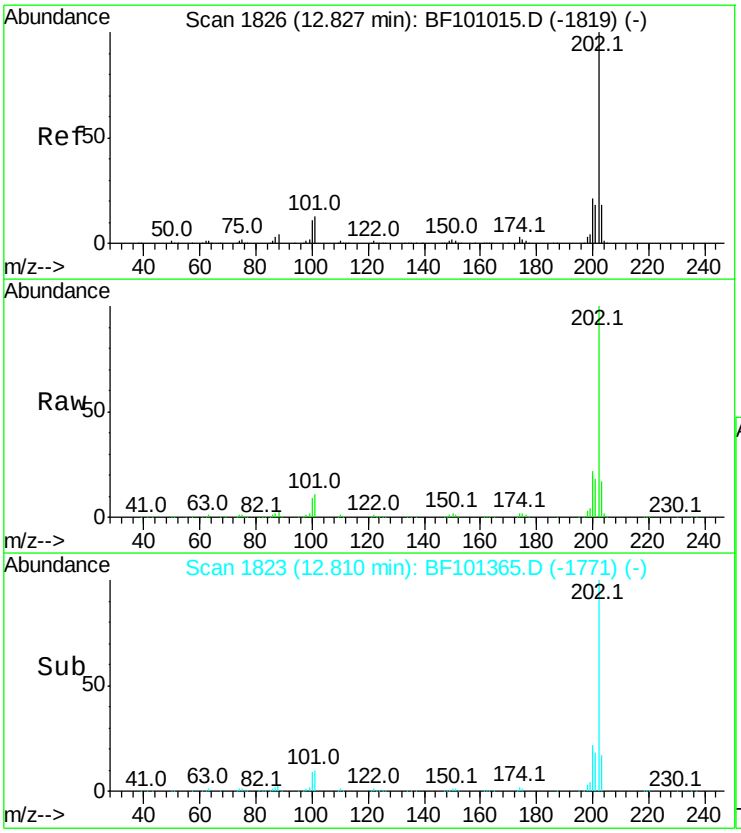
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.01 min
Lab File: BF101365.D
Acq: 13 Dec 2017 8:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 78415

Ion	Ratio	Lower	Upper
240	100		
120	9.8	9.5	14.3
236	24.7	20.7	31.1

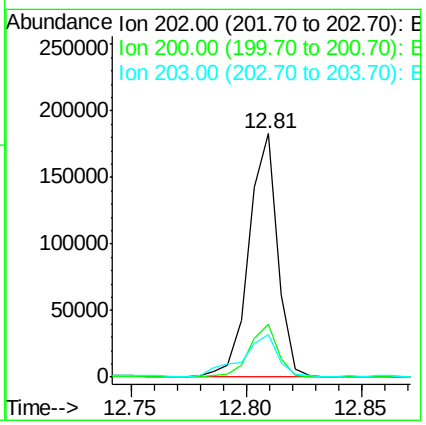


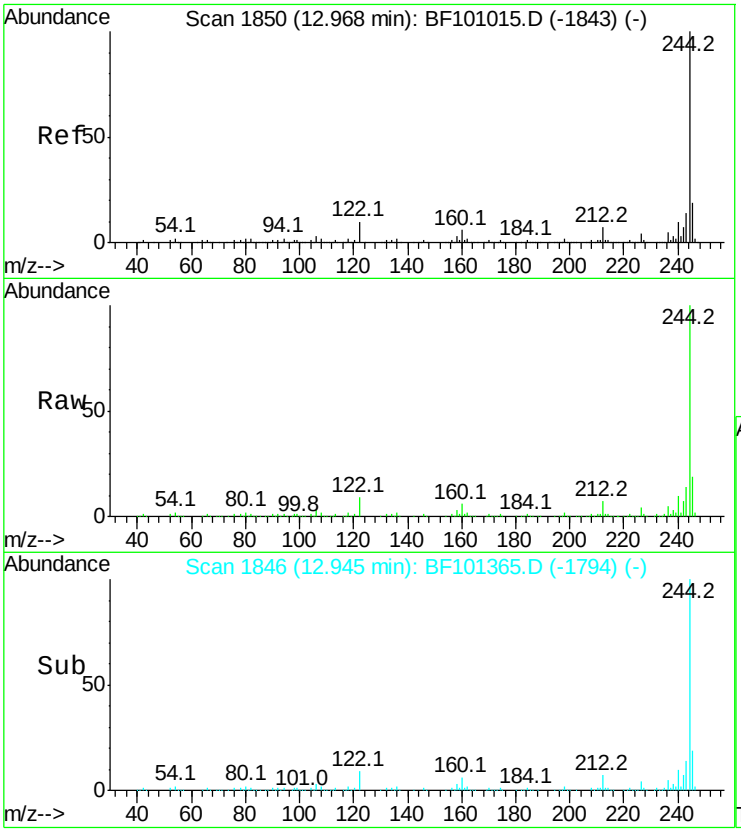


#77
Pyrene
Concen: 29.578 ng
RT: 12.81 min Scan# 1823
Delta R.T. 0.01 min
Lab File: BF101365.D
Acq: 13 Dec 2017 8:11

Tgt Ion:202 Resp: 160041

Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.4	26.2
203	17.4	14.3	21.5



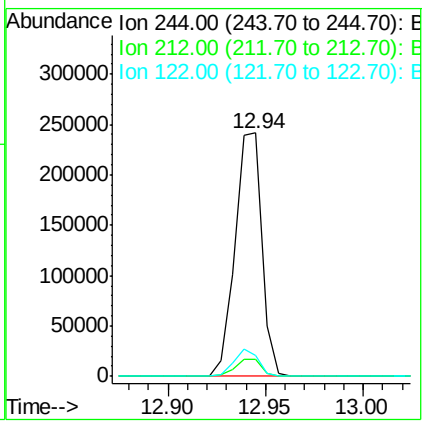


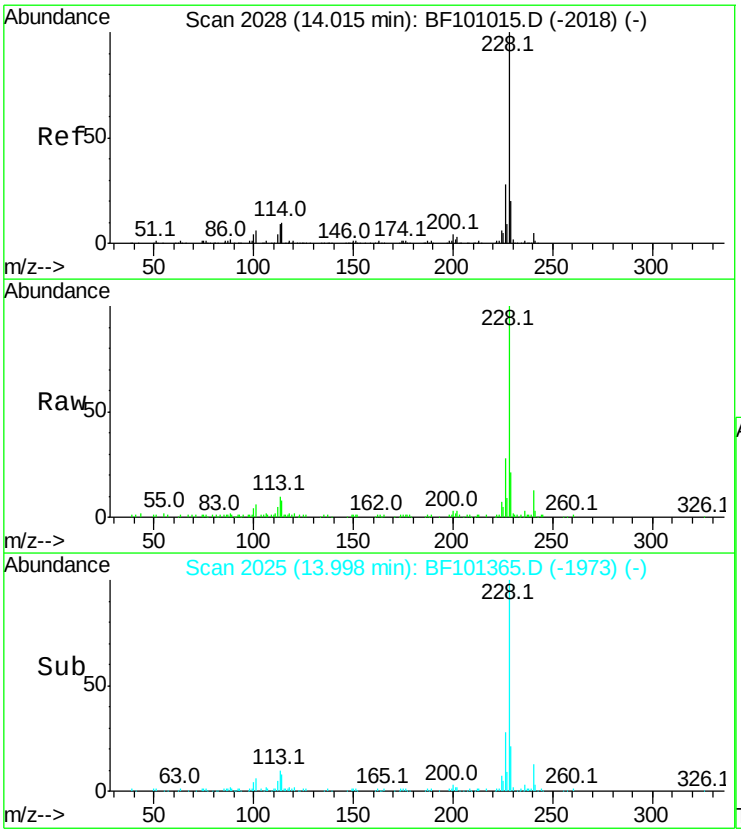
#78
Terphenyl-d14
Concen: 64.316 ng
RT: 12.94 min Scan# 1846
Delta R.T. 0.01 min
Lab File: BF101365.D
Acq: 13 Dec 2017 8:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 230578

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	8.6	11.0	16.4#

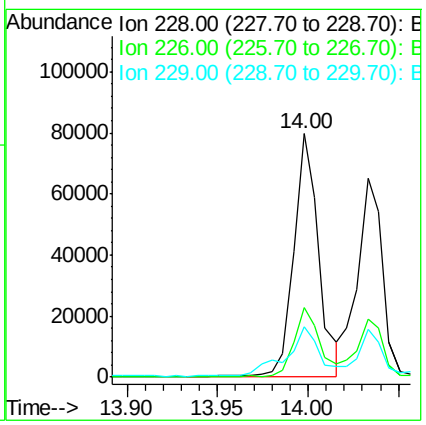


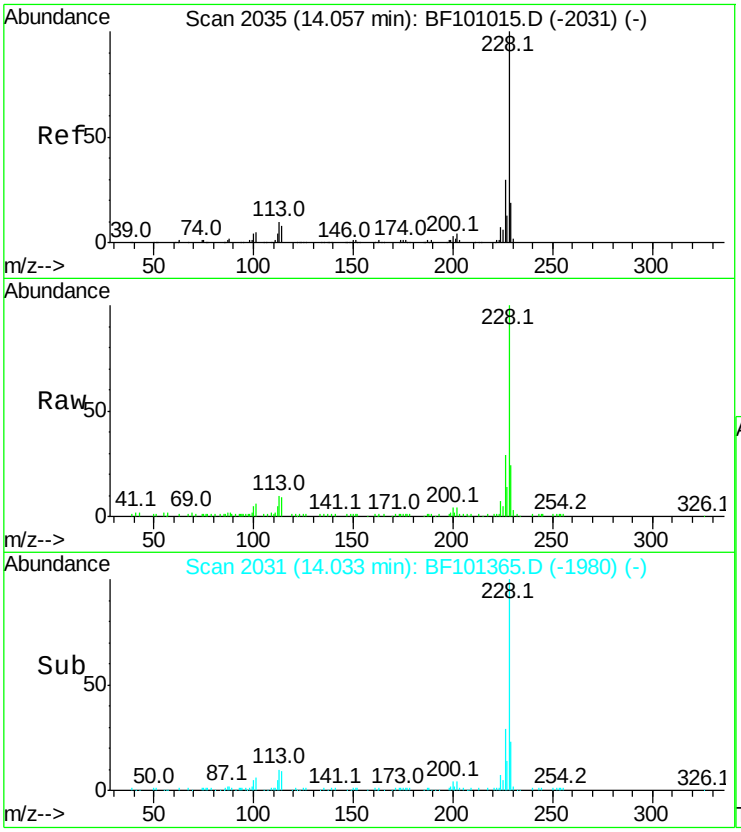


#80
Benzo(a)anthracene
Concen: 15.737 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.01 min
Lab File: BF101365.D
Acq: 13 Dec 2017 8:11

Tgt Ion:228 Resp: 77913

Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.6	33.8
229	20.9	15.8	23.6



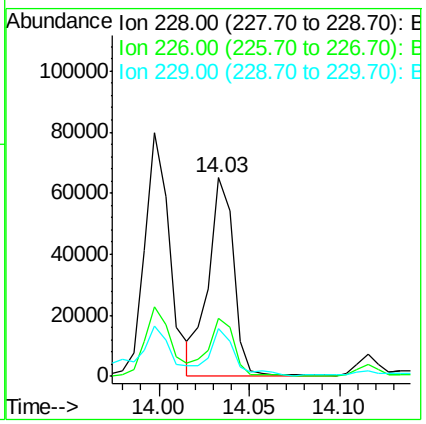


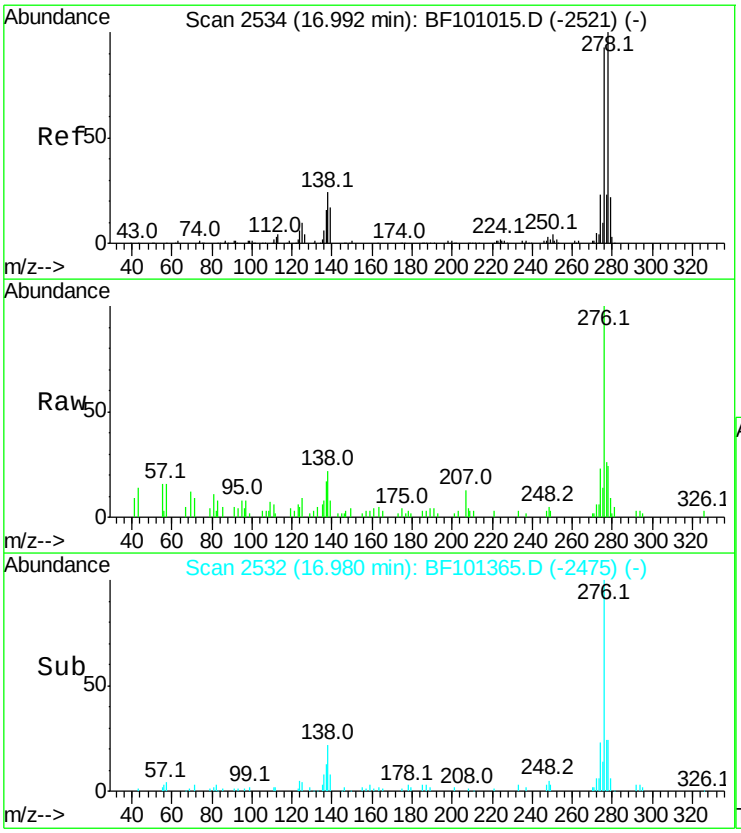
#82
Chrysene
Concen: 13.900 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.00 min
Lab File: BF101365.D
Acq: 13 Dec 2017 8:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 63913

Ion	Ratio	Lower	Upper
228	100		
226	29.2	25.0	37.6
229	23.9	16.2	24.4

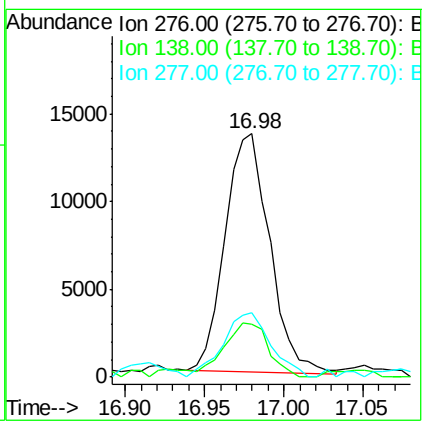


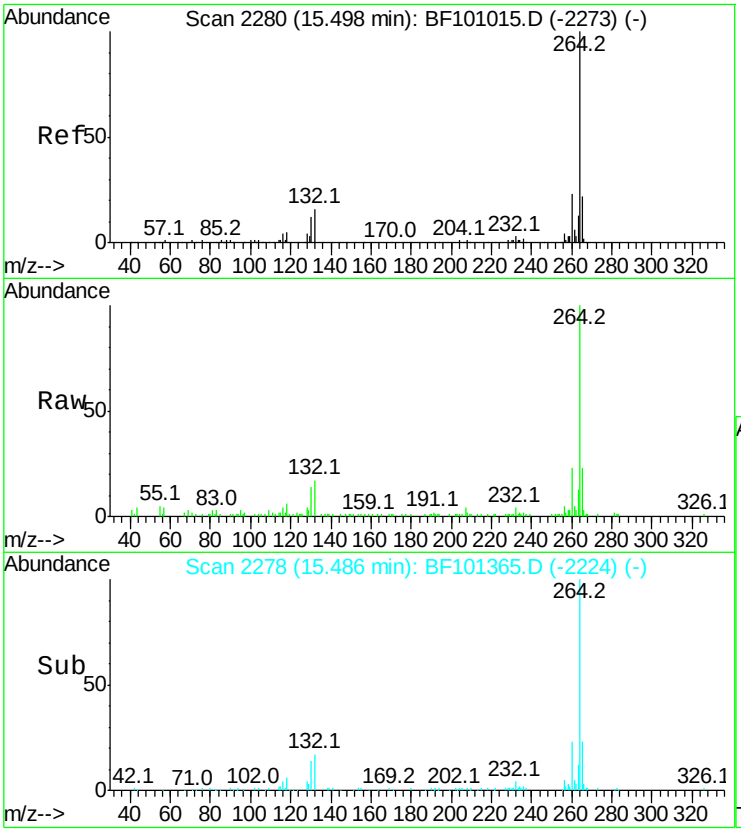


#85
Indeno(1,2,3-cd)pyrene
Concen: 6.517 ng
RT: 16.98 min Scan# 2532
Delta R.T. 0.04 min
Lab File: BF101365.D
Acq: 13 Dec 2017 8:11

Tgt Ion:276 Resp: 26641

Ion	Ratio	Lower	Upper
276	100		
138	22.5	25.0	37.6#
277	28.6	20.1	30.1



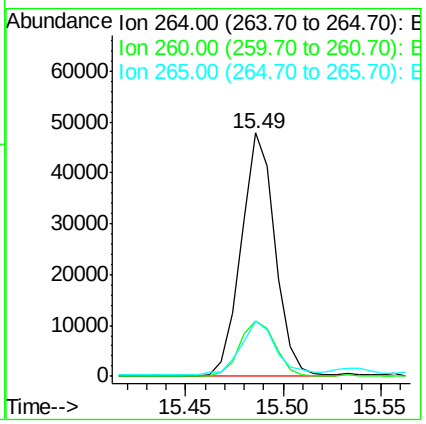


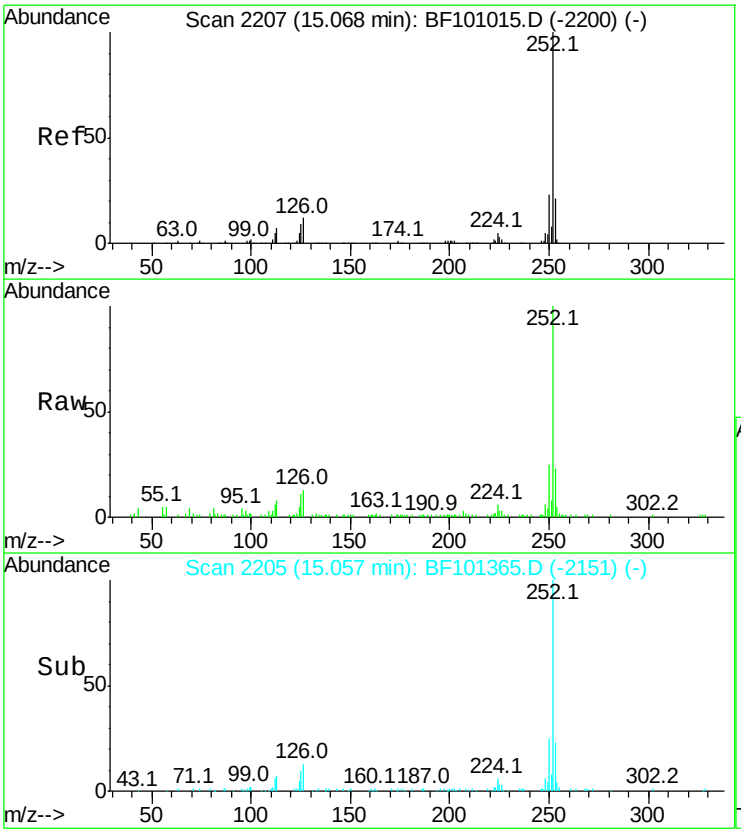
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. 0.02 min
Lab File: BF101365.D
Acq: 13 Dec 2017 8:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 57514

Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	22.8	17.5	26.3

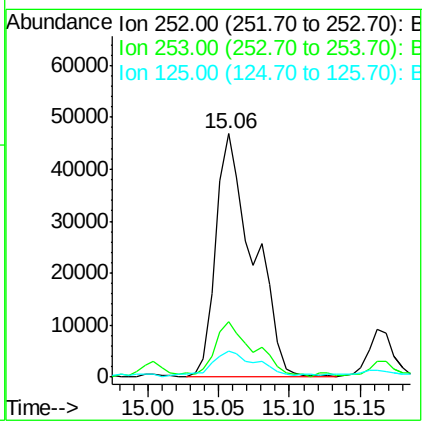


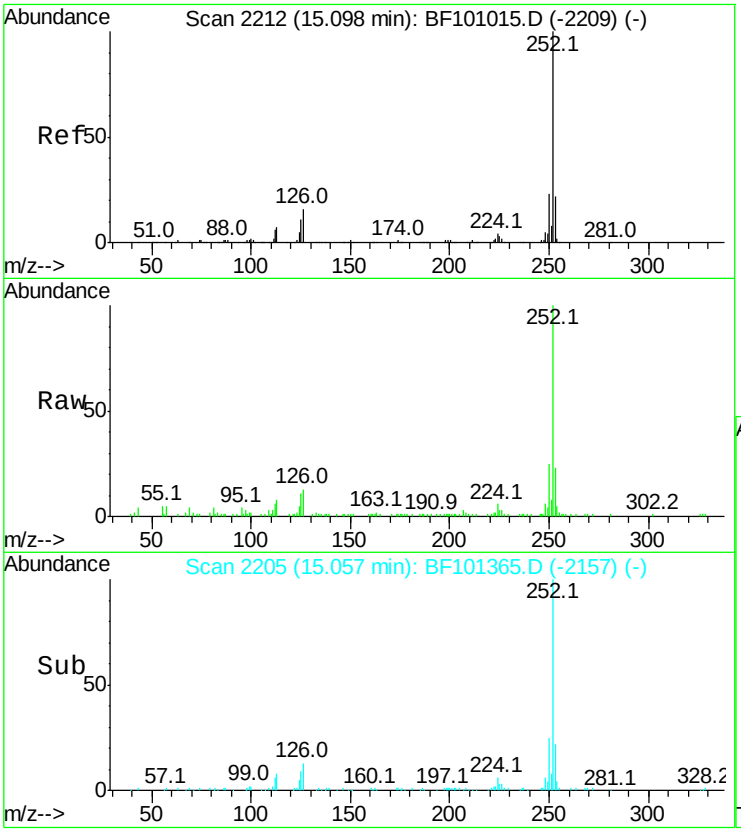


#87
Benzo(b)fluoranthene
Concen: 25.163 ng
RT: 15.06 min Scan# 2205
Delta R.T. 0.02 min
Lab File: BF101365.D
Acq: 13 Dec 2017 8:11

Tgt Ion:252 Resp: 86684

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.0	25.6
125	10.6	9.0	13.6



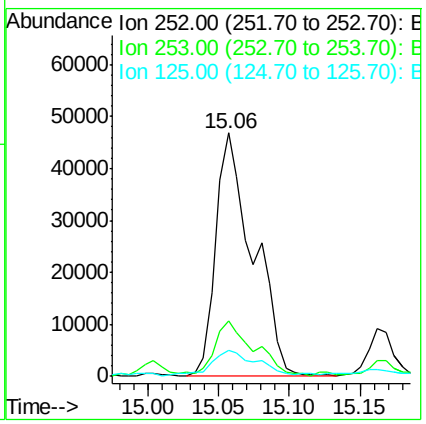


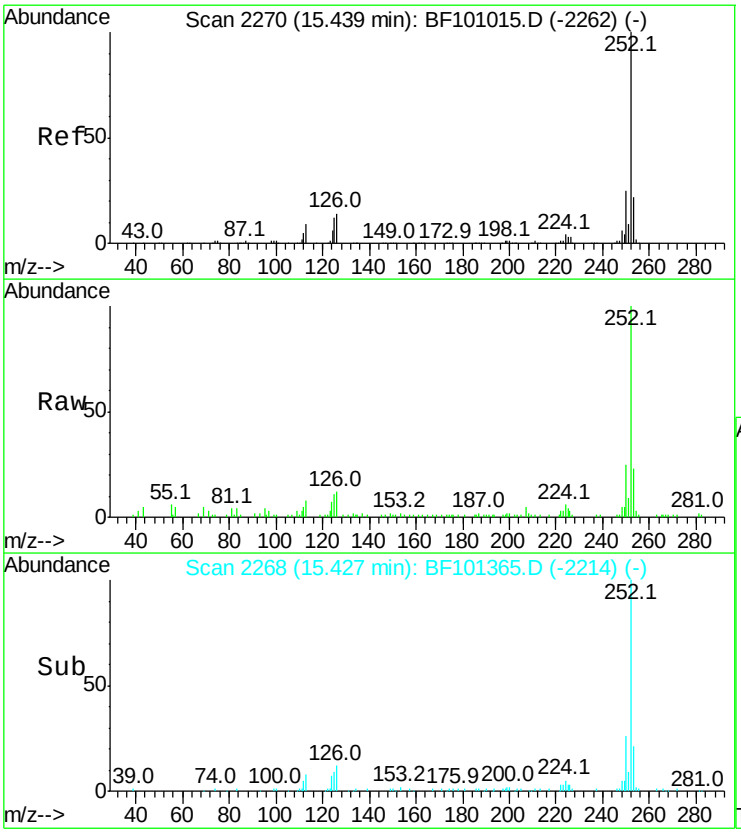
#88
Benzo(k)fluoranthene
Concen: 25.540 ng
RT: 15.06 min Scan# 2205
Delta R.T. -0.02 min
Lab File: BF101365.D
Acq: 13 Dec 2017 8:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 86684

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.9	26.9
125	10.6	10.2	15.2

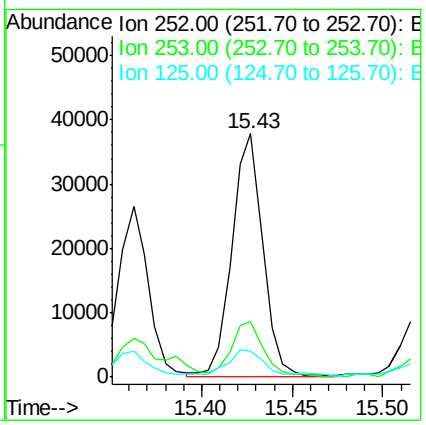


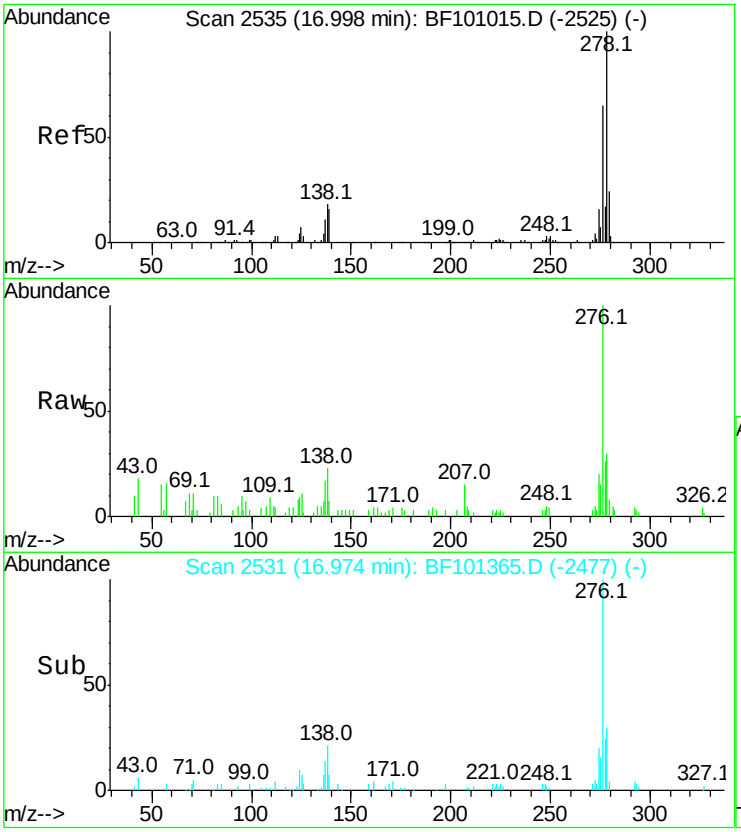


#89
Benzo(a)pyrene
Concen: 14.434 ng
RT: 15.43 min Scan# 2268
Delta R.T. 0.02 min
Lab File: BF101365.D
Acq: 13 Dec 2017 8:11

Tgt Ion:252 Resp: 45205

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.1	25.7
125	10.5	9.8	14.6



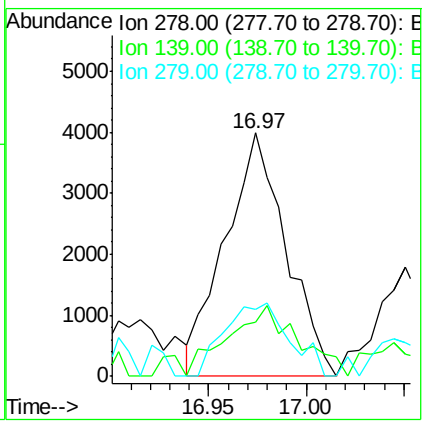


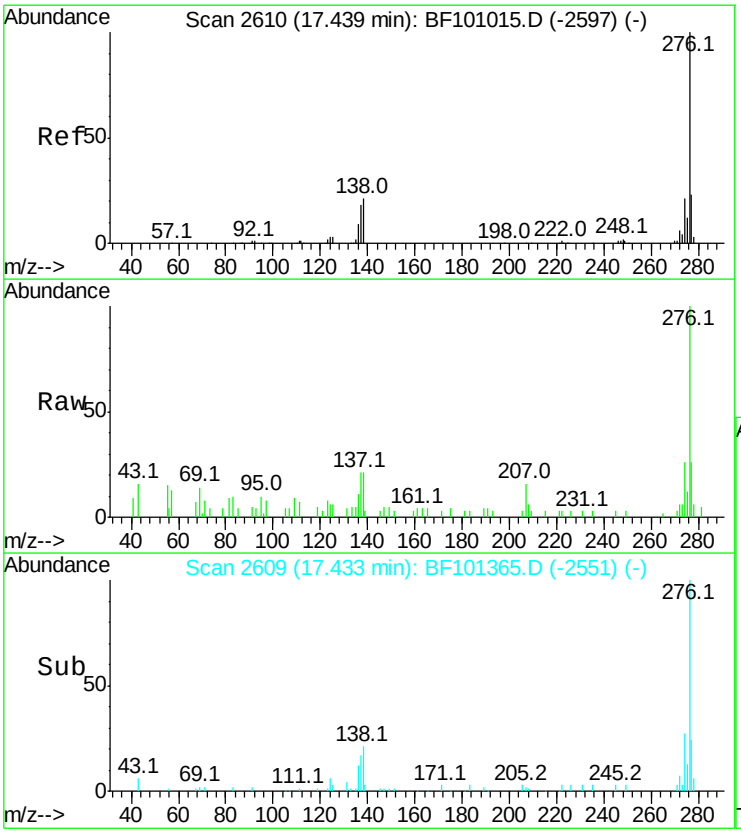
#90
Dibenzo(a,h)anthracene
Concen: 3.137 ng
RT: 16.97 min Scan# 2531
Delta R.T. 0.02 min
Lab File: BF101365.D
Acq: 13 Dec 2017 8:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 8661

Ion	Ratio	Lower	Upper
278	100		
139	22.2	15.9	23.9
279	27.6	19.0	28.4





#91
Benzo(g,h,i)perylene
Concen: 10.184 ng
RT: 17.43 min Scan# 2609
Delta R.T. 0.04 min
Lab File: BF101365.D
Acq: 13 Dec 2017 8:11

Tgt Ion:276 Resp: 26498

Ion	Ratio	Lower	Upper
276	100		
277	25.6	17.9	26.9
138	20.8	21.8	32.8#